

R09

Code: 9A21806

B.Tech IV Year II Semester (R09) Advanced Supplementary Examinations, July 2013

AIRCRAFT MAINTENANCE MANAGEMENT

(Aeronautical Engineering)

Time: 3 hours

Max. Marks: 70

Answer any FIVE questions

All questions carry equal marks

- 1 Describe the role of an engineer and role of mechanic in an airline maintenance organization.
- 2 What is process oriented maintenance in aircrafts?
- 3 Briefly explain the four most significant regulatory documentation related to aircraft maintenance.
- 4 What are the manager level functions of aircraft maintenance directorate?
- 5 What is the importance of forecasting in an airline M&E organization?
- 6 Enumerate the various hanger maintenance activities of a typical "C" check on a transport aircraft.
- 7 What are the qualifications needed to be a quality control inspector in an airline? What are the important areas to be addressed by the airline while formulating a QC policy?
- 8 What are the two approaches to reliability in airline operations? Describe the seven basic elements of a reliability program of an airline.
